

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015724.D
 Acq On : 25 Jun 2020 13:12
 Operator : SY/VA
 Sample : L3089-01RE
 Misc : 6.89G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47184-RTRE

Quant Time: Jun 26 01:40:05 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

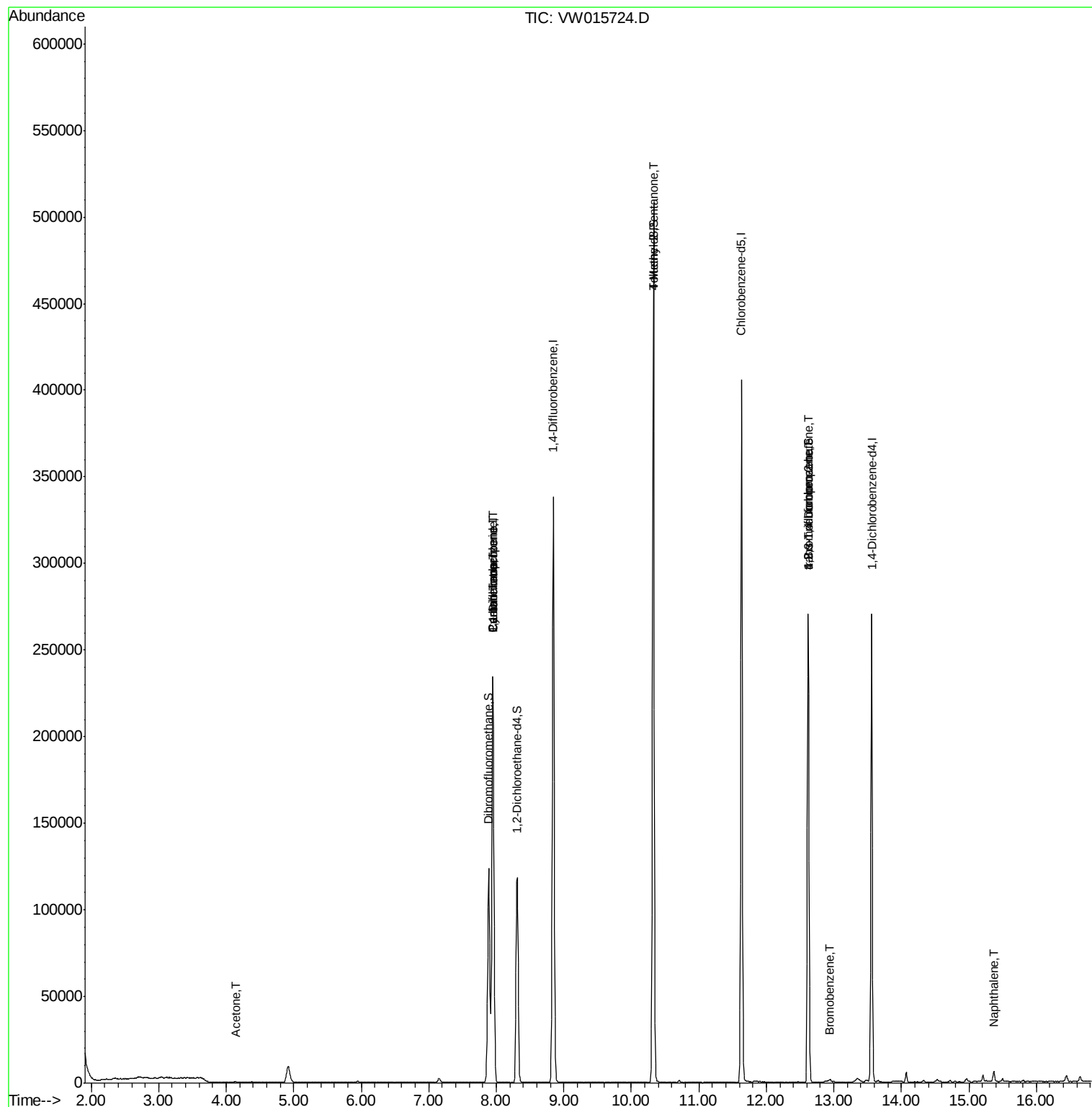
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	170277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	276039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97301	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.89	113	85644	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.33	98	334735	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.62	95	86708	34.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.92%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	980	2.721	ug/l #	78
18) Methyl Acetate	4.68	43	92	Below Cal	#	52
20) Methylene Chloride	4.92	84	7681	Below Cal		98
31) Cyclohexane	7.95	56	4031	1.235	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	13714	4.777	ug/l #	51
38) Carbon Tetrachloride	7.95	117	17321	6.224	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	1641	1.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	45446	73.857	ug/l #	1
77) Bromobenzene	12.93	156	1258	1.096	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	45446	186.121	ug/l #	8
95) Naphthalene	15.37	128	5037	2.342	ug/l	98

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

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Quant Time: Jun 26 01:40:05 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: VW015724.D

Acq: 25 Jun 2020 13:12

Instrument :

MSVOA_W

ClientSampleId :

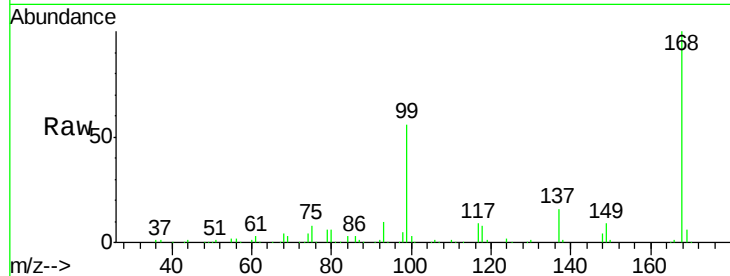
RB47184-RTRE

Tot Ion:168 Resp: 170277

Ion Ratio Lower Upper

168 100

99 55.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

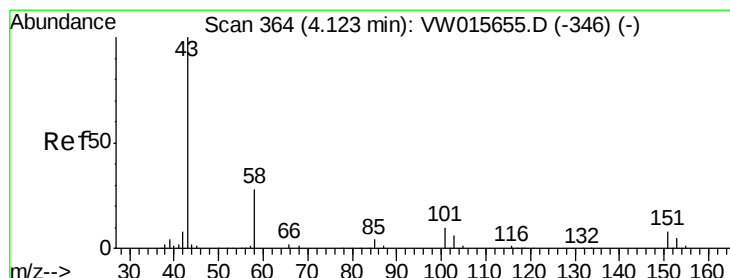
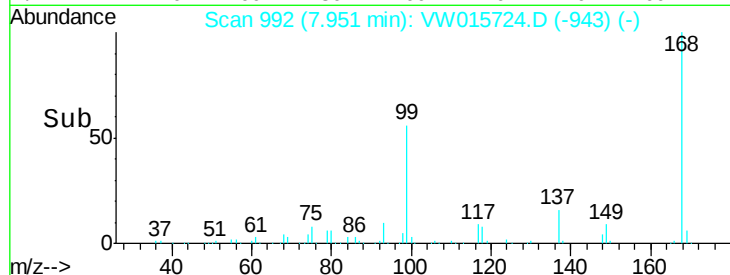
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.721 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015724.D

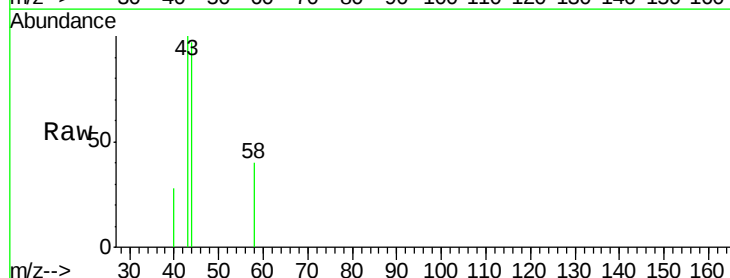
Acq: 25 Jun 2020 13:12

Tgt Ion: 43 Resp: 980

Ion Ratio Lower Upper

43 100

58 39.7 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

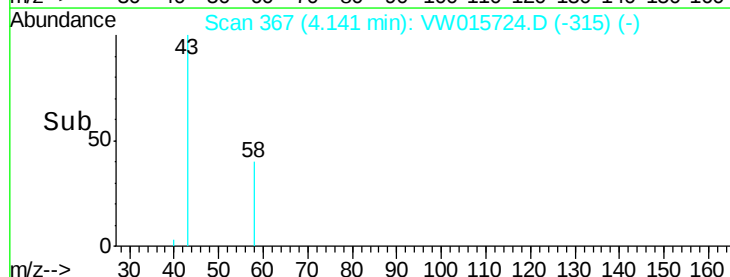
300

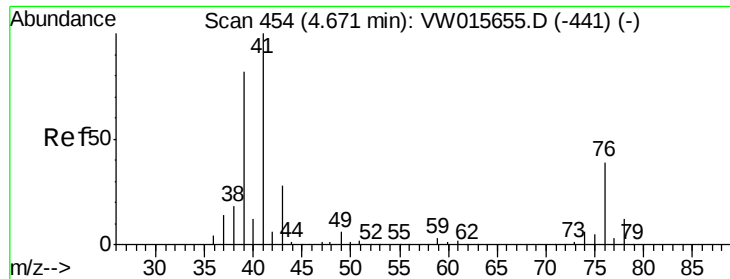
200

100

0

Time--> 4.05 4.10 4.15 4.20

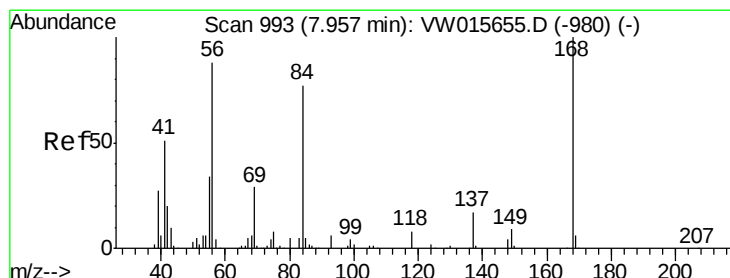
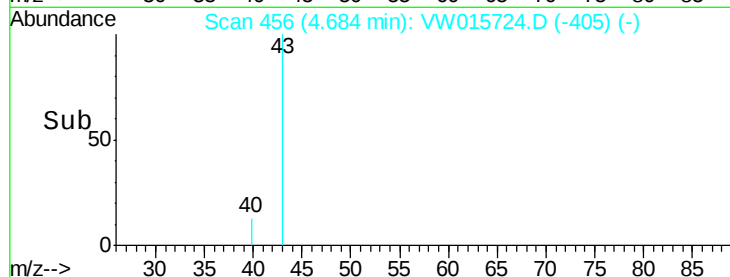
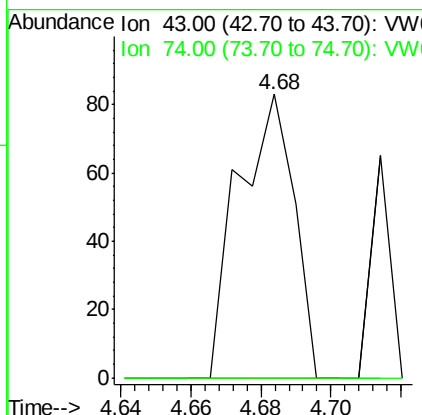
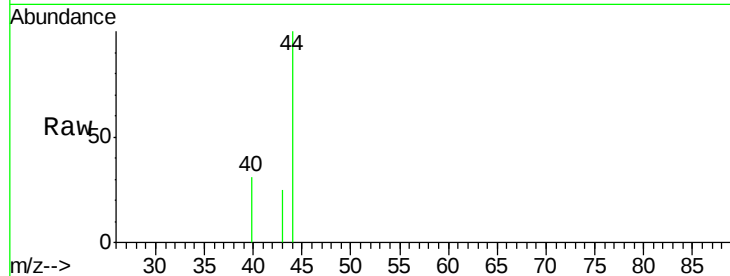




#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015724.D
Acq: 25 Jun 2020 13:12

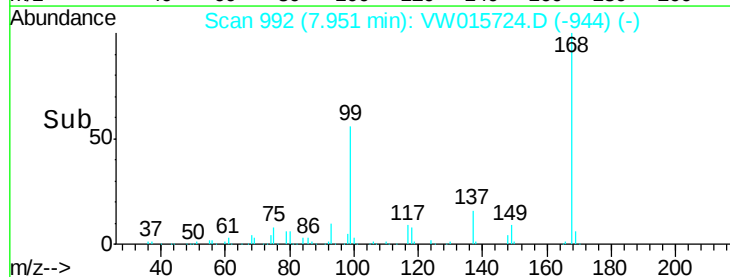
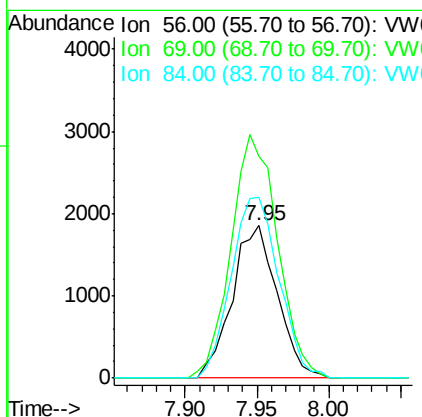
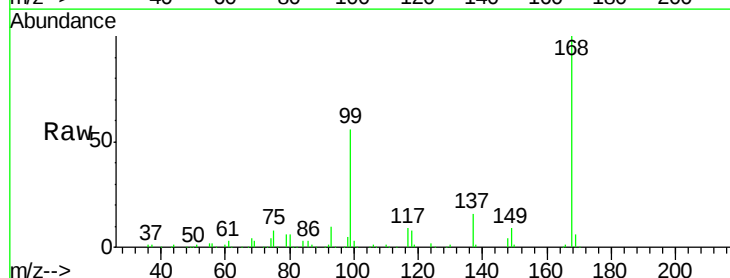
Instrument :
MSVOA_W
ClientSampleId :
RB47184-RTRE

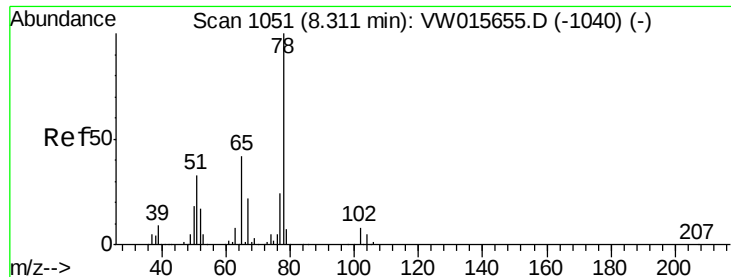
Tot Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015724.D
Acq: 25 Jun 2020 13:12

Tgt Ion: 56 Resp: 4031
Ion Ratio Lower Upper
56 100
69 146.1 26.2 39.4#
84 118.5 70.4 105.6#

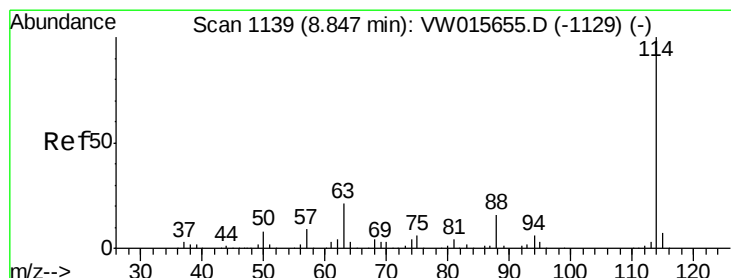
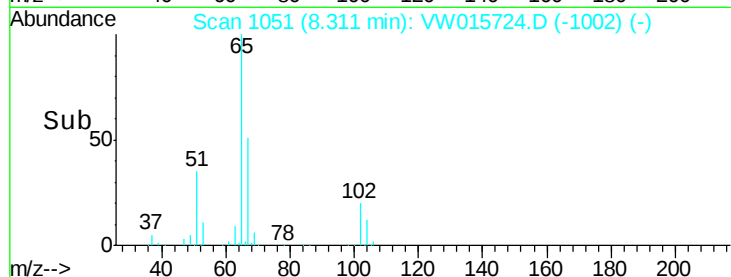
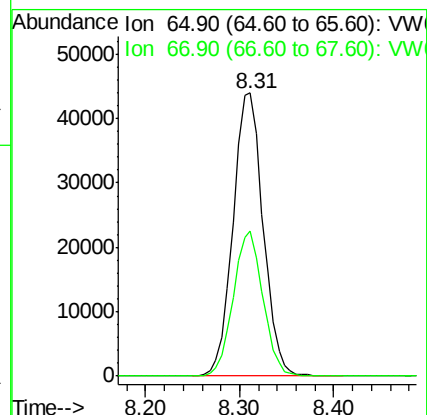
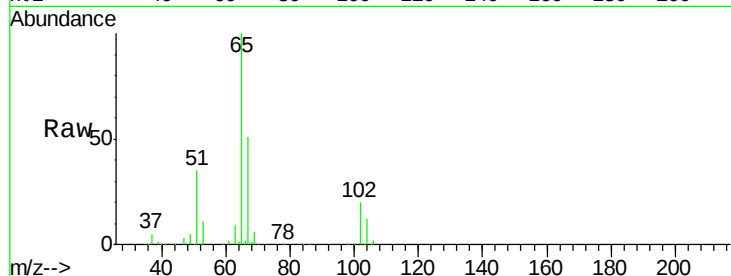




#33
 1,2-Dichloroethane-d4
 Concen: 51.358 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015724.D
 Acq: 25 Jun 2020 13:12

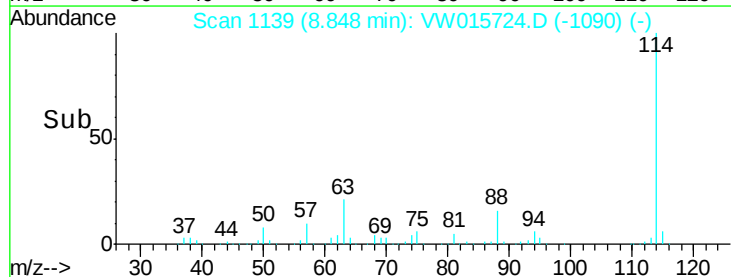
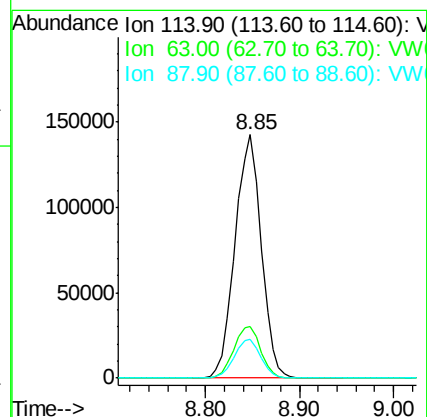
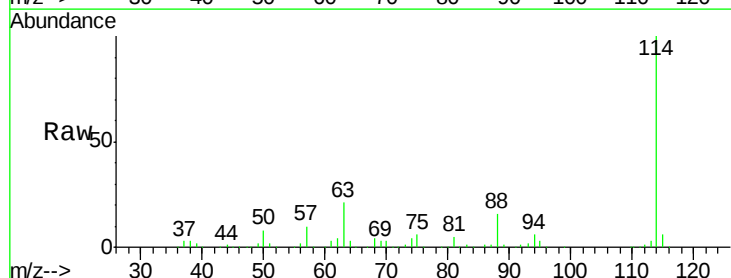
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47184-RTRE

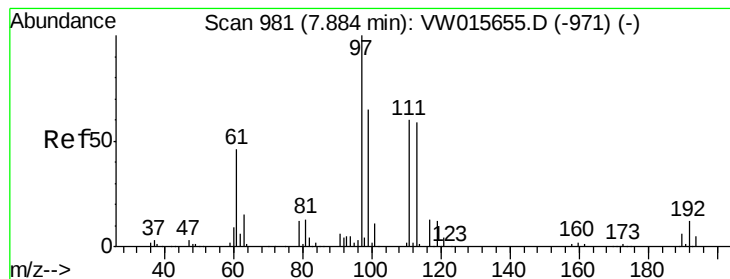
Tot Ion: 65 Resp: 97301
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015724.D
 Acq: 25 Jun 2020 13:12

Tgt Ion: 114 Resp: 276039
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.324 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015724.D

Acq: 25 Jun 2020 13:12

Instrument :

MSVOA_W

ClientSampleId :

RB47184-RTRE

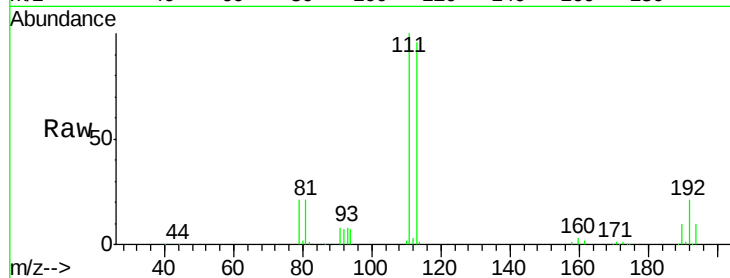
Tot Ion:113 Resp: 85644

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

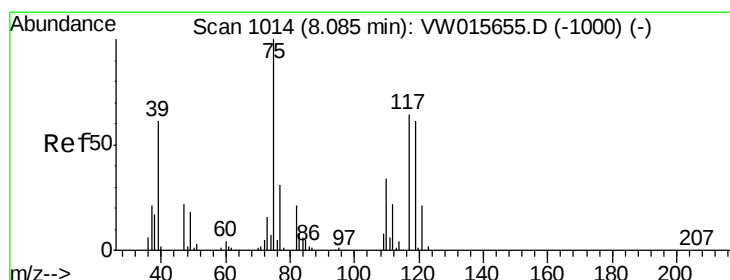
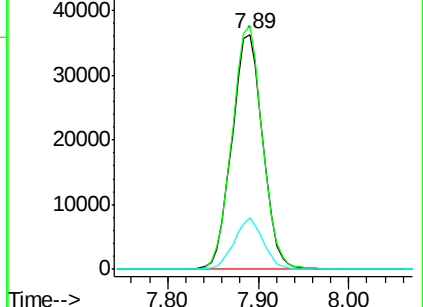
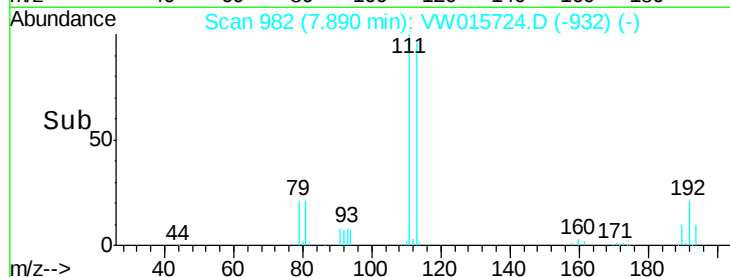
192 20.5 16.4 24.6



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: 4.777 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015724.D

Acq: 25 Jun 2020 13:12

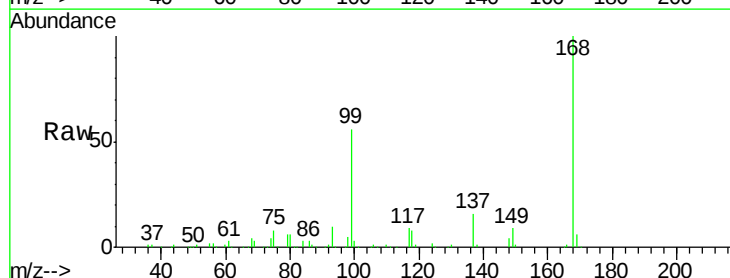
Tgt Ion: 75 Resp: 13714

Ion Ratio Lower Upper

75 100

110 9.4 17.0 51.0#

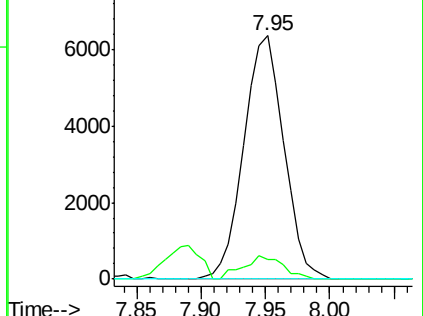
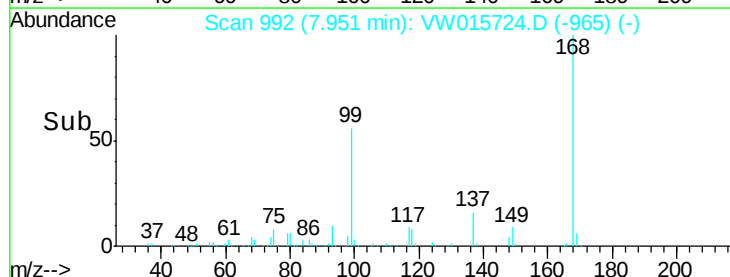
77 0.0 24.6 36.8#

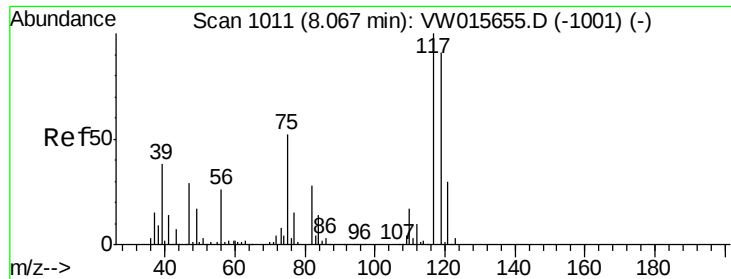


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

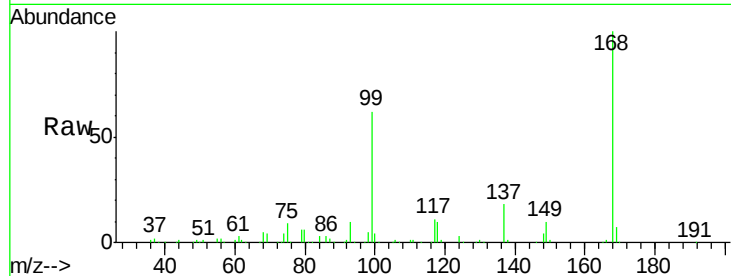




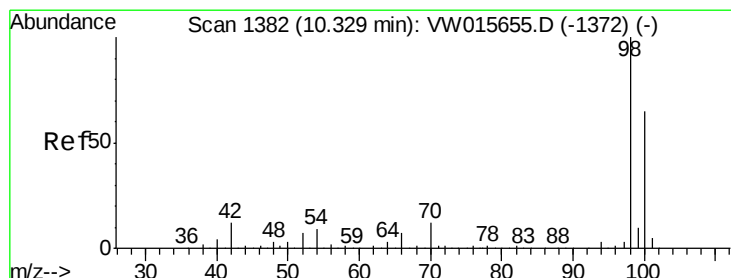
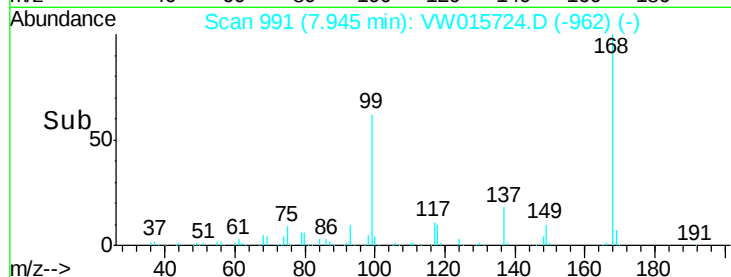
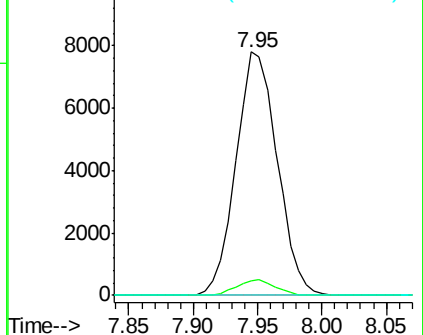
#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015724.D
Acq: 25 Jun 2020 13:12

Instrument :
MSVOA_W
ClientSampleId :
RB47184-RTRE

Tot Ion:117 Resp: 17321
Ion Ratio Lower Upper
117 100
119 6.2 73.2 109.8#
121 0.0 23.9 35.9#

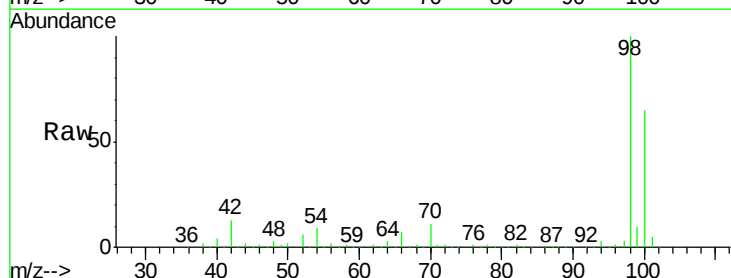


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

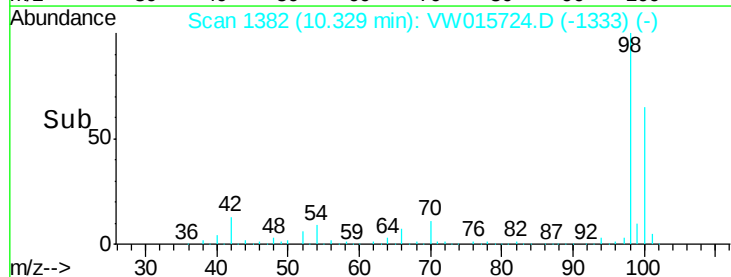
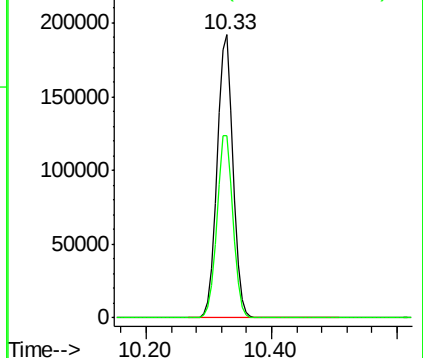


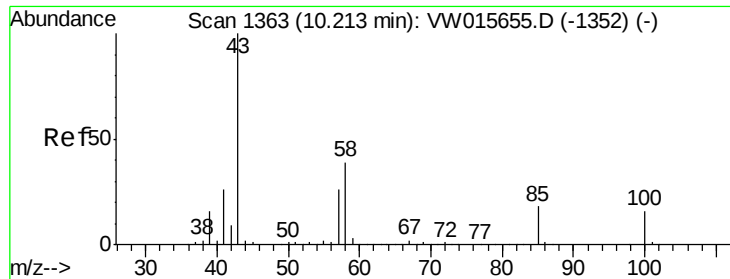
#50
Toluene-d8
Concen: 48.986 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW015724.D
Acq: 25 Jun 2020 13:12

Tgt Ion: 98 Resp: 334735
Ion Ratio Lower Upper
98 100
100 65.5 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: 1.555 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015724.D

Acq: 25 Jun 2020 13:12

Instrument :

MSVOA_W

ClientSampleId :

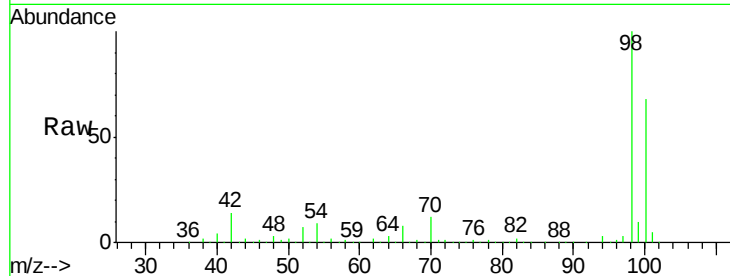
RB47184-RTRE

Tot Ion: 43 Resp: 1641

Ion Ratio Lower Upper

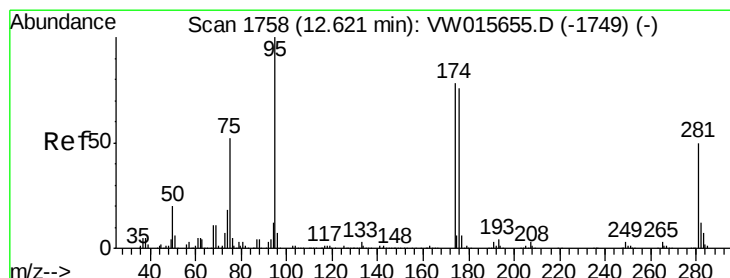
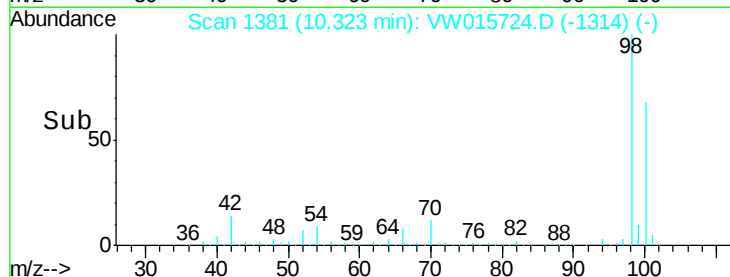
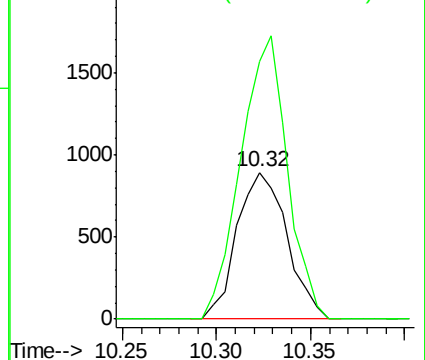
43 100

58 180.0 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: 34.455 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015724.D

Acq: 25 Jun 2020 13:12

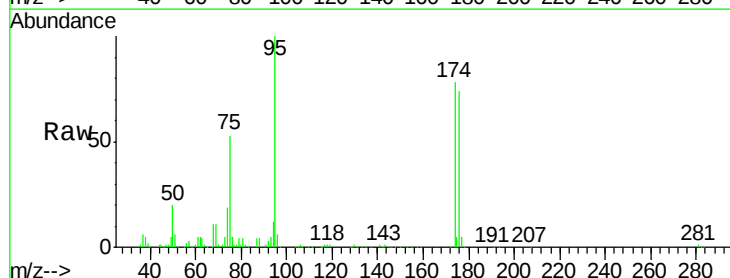
Tgt Ion: 95 Resp: 86708

Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.0

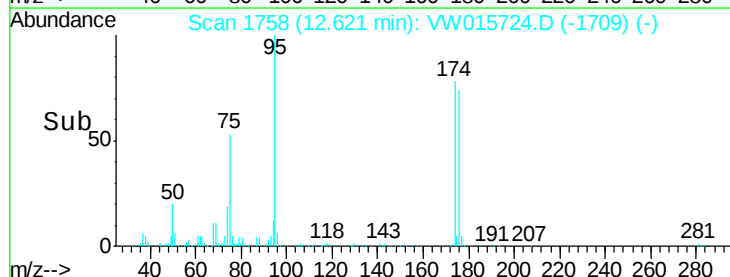
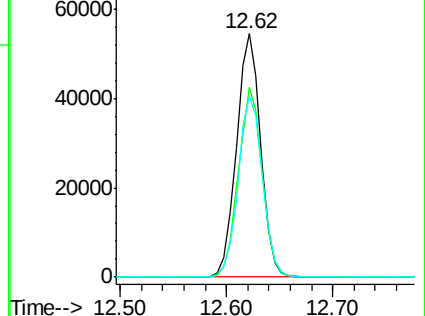
176 75.0 0.0 151.4

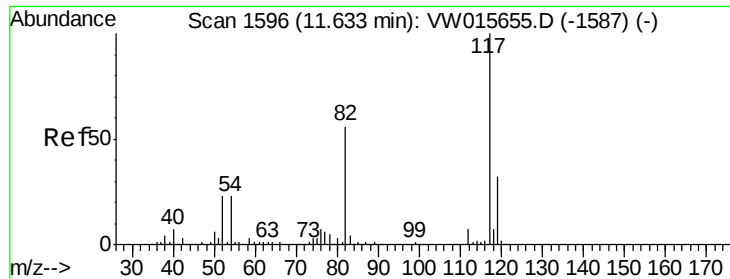


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW015724.D

Acq: 25 Jun 2020 13:12

Instrument :

MSVOA_W

ClientSampleId :

RB47184-RTRE

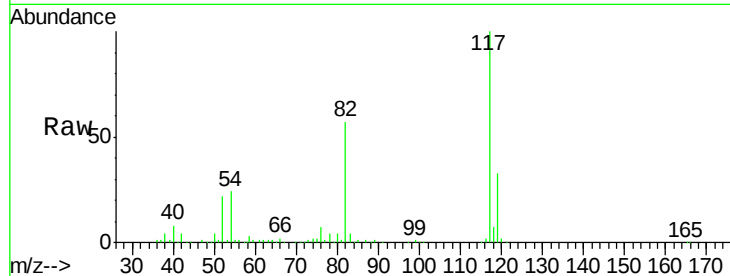
Tot Ion:117 Resp: 218837

Ion Ratio Lower Upper

117 100

82 57.1 45.1 67.7

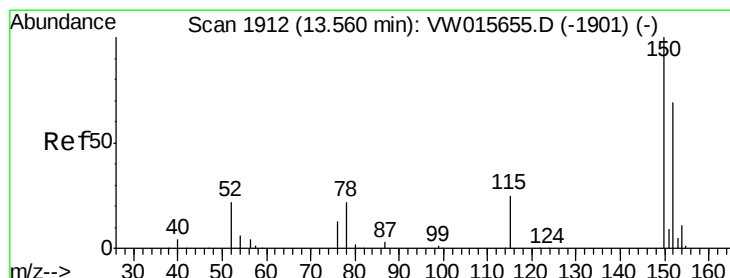
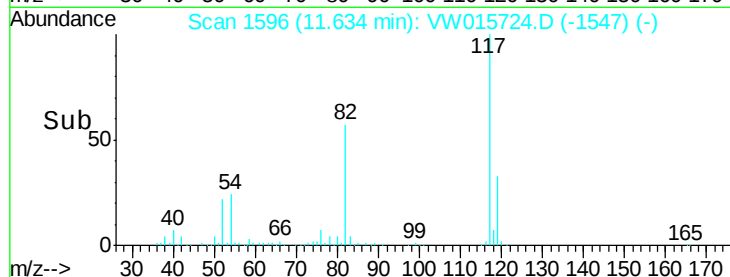
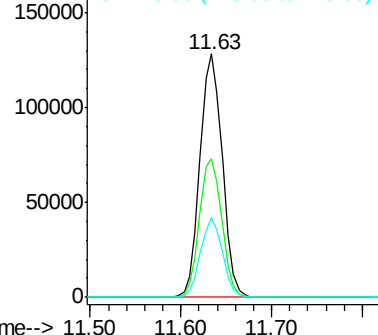
119 33.0 25.8 38.8



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: VW015724.D

Acq: 25 Jun 2020 13:12

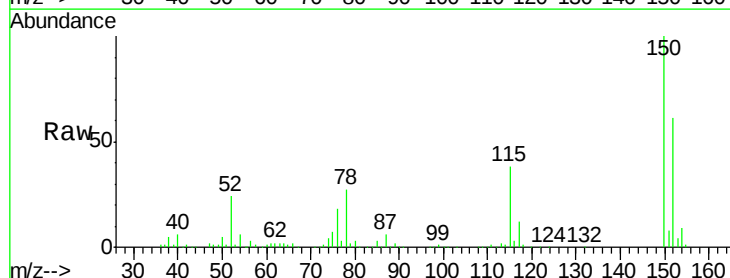
Tgt Ion:152 Resp: 67459

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.5

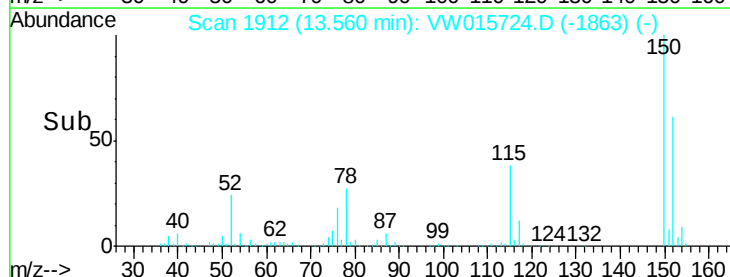
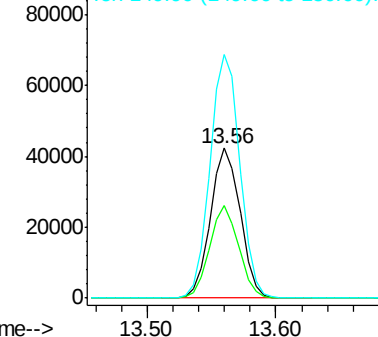
150 162.9 0.0 345.6

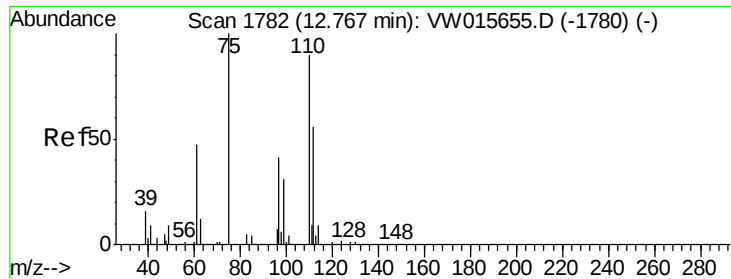


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 73.857 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015724.D

Acq: 25 Jun 2020 13:12

Instrument :

MSVOA_W

ClientSampleId :

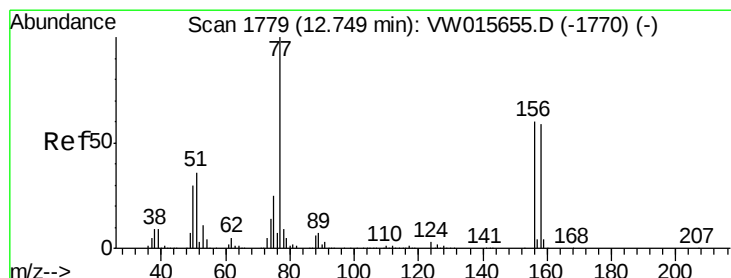
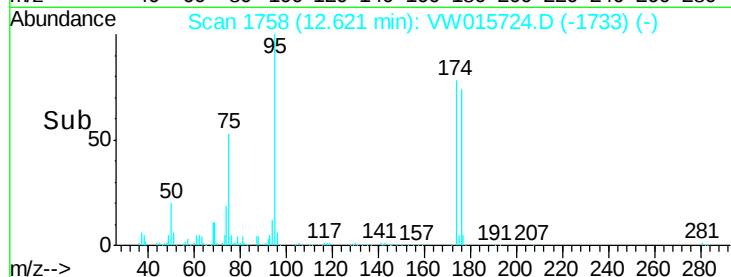
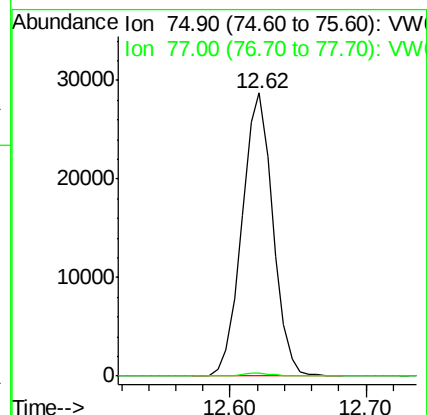
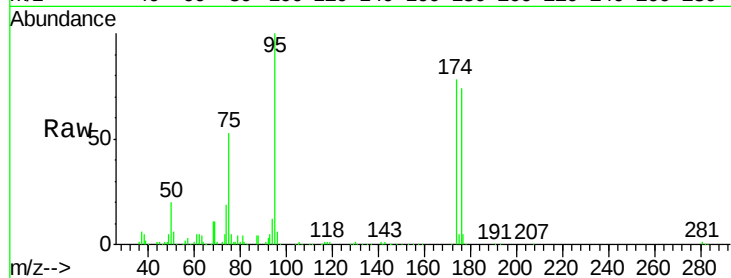
RB47184-RTRE

Tot Ion: 75 Resp: 45446

Ion Ratio Lower Upper

75 100

77 1.1 179.1 537.1#



#77

Bromobenzene

Concen: 1.096 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VW015724.D

Acq: 25 Jun 2020 13:12

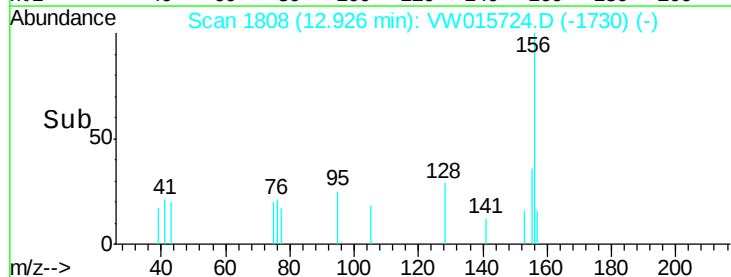
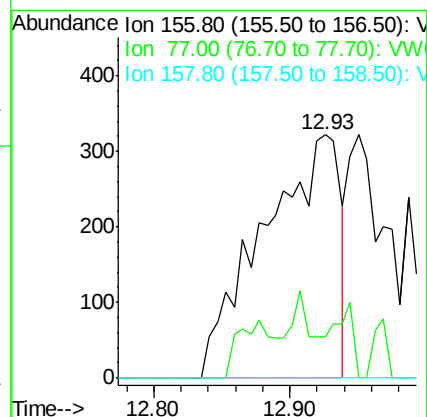
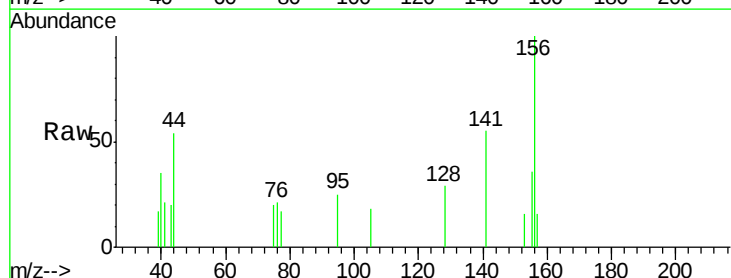
Tgt Ion: 156 Resp: 1258

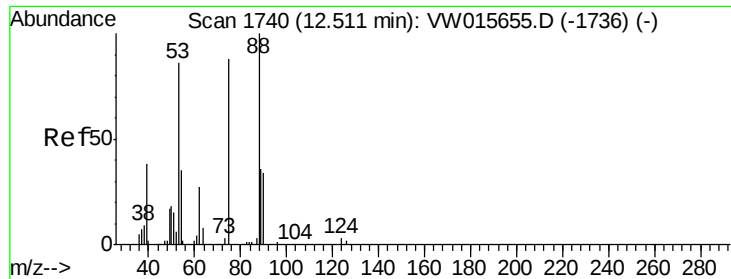
Ion Ratio Lower Upper

156 100

77 7.2 94.5 283.5#

158 0.0 47.9 143.6#

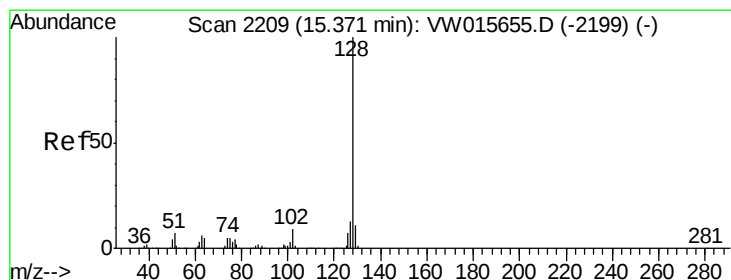
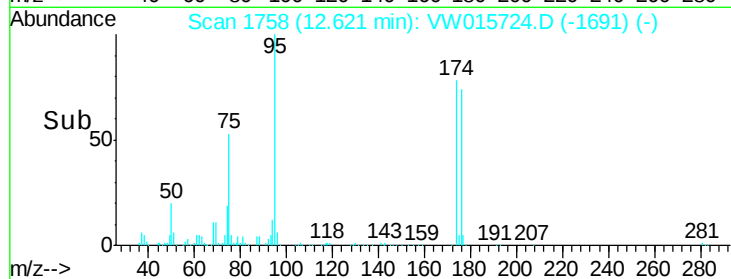
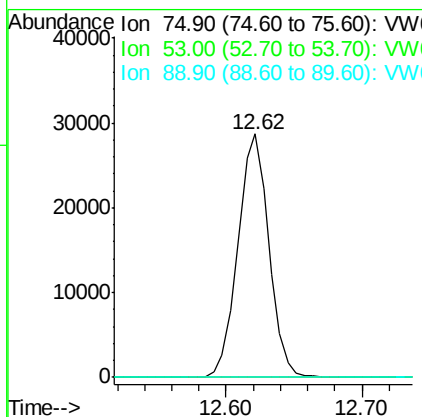
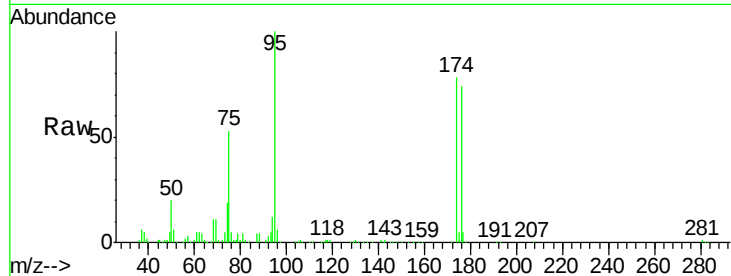




#81
trans-1,4-Dichloro-2-butene
Concen: 186.121 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW015724.D
Acq: 25 Jun 2020 13:12

Instrument :
MSVOA_W
ClientSampleId :
RB47184-RTRE

Tot Ion: 75 Resp: 45446
Ion Ratio Lower Upper
75 100
53 0.0 83.8 125.8#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 2.342 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015724.D
Acq: 25 Jun 2020 13:12

Tgt Ion: 128 Resp: 5037
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.6 8.8 13.2

