

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015725.D
 Acq On : 25 Jun 2020 13:38
 Operator : SY/VA
 Sample : L3089-04RE
 Misc : 8.26G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB44767-RT

Quant Time: Jun 26 01:40:25 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	168429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	277675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	230724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80246	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	98845	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
35) Dibromofluoromethane	7.89	113	86660	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
50) Toluene-d8	10.33	98	335214	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.62	95	93630	36.99	ug/l	0.00
Spiked Amount			Recovery	=	73.98%	

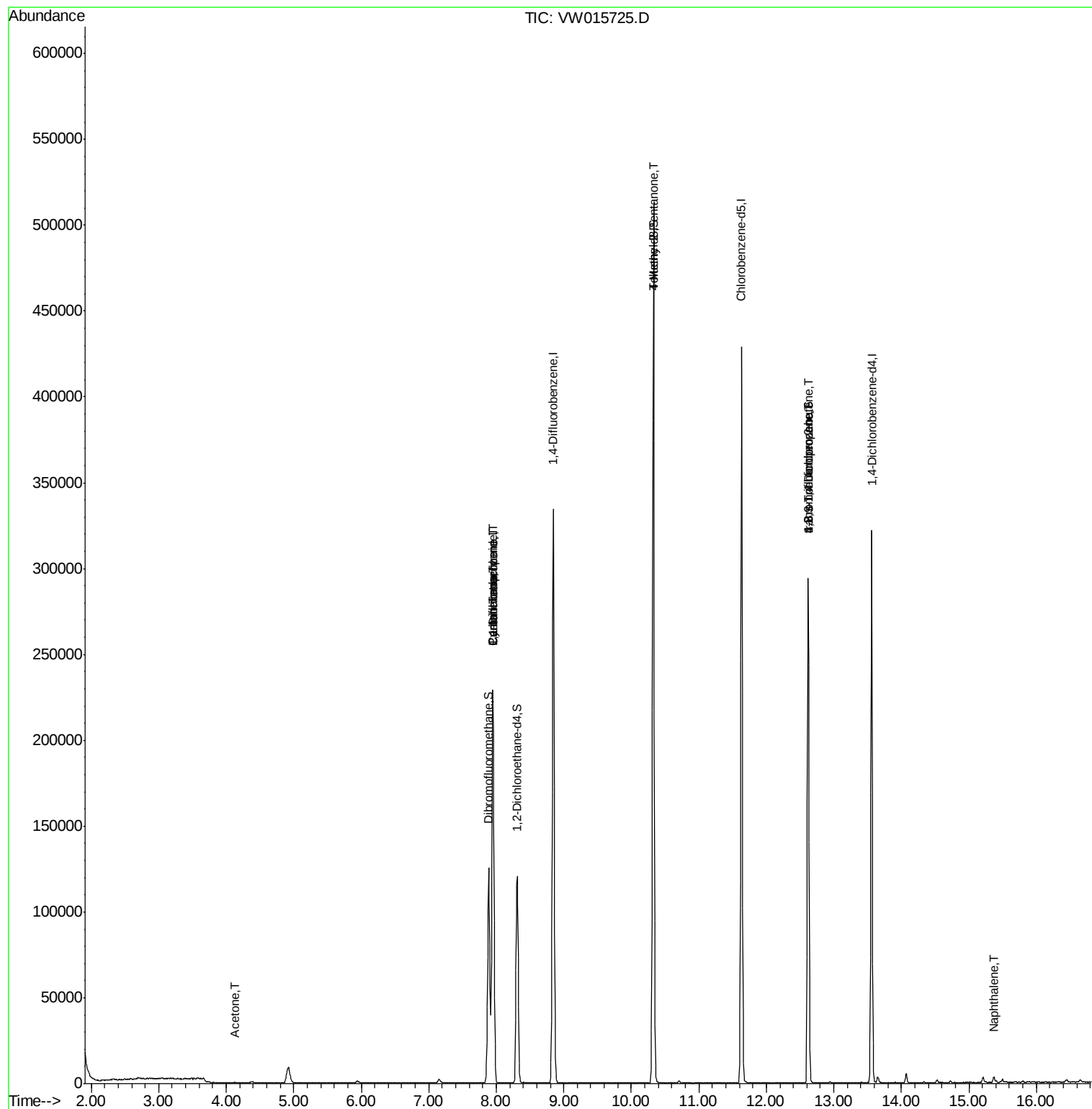
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	705	1.979	ug/l	96
18) Methyl Acetate	4.68	43	68	Below Cal	#	52
31) Cyclohexane	7.95	56	4193	1.299	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	13925	4.822	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17077	6.100	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1692	1.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	50532	69.036	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	50532	173.973	ug/l #	8
95) Naphthalene	15.37	128	2846	1.112	ug/l	98

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

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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: VW015725.D

Acq: 25 Jun 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

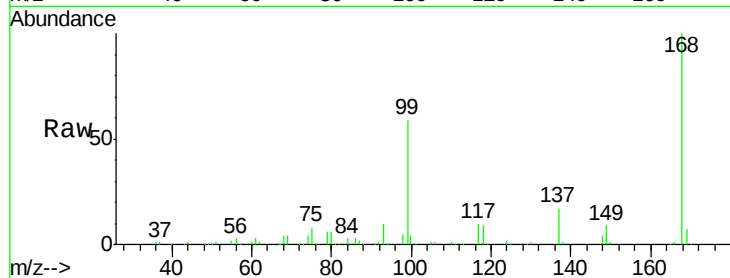
RB44767-RT

Tot Ion:168 Resp: 168429

Ion Ratio Lower Upper

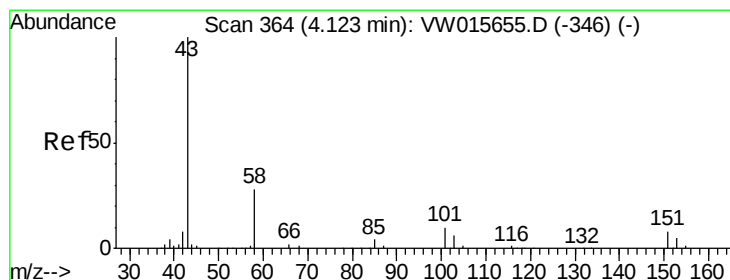
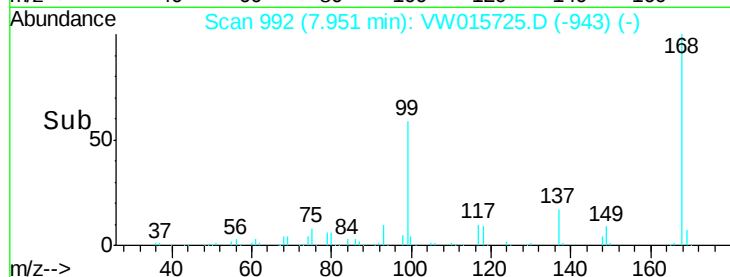
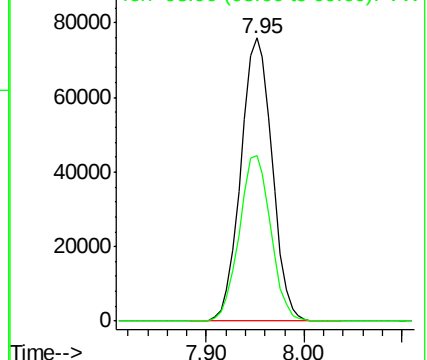
168 100

99 58.6 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: 1.979 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015725.D

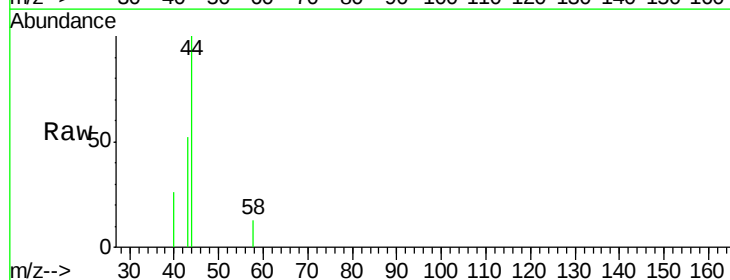
Acq: 25 Jun 2020 13:38

Tgt Ion: 43 Resp: 705

Ion Ratio Lower Upper

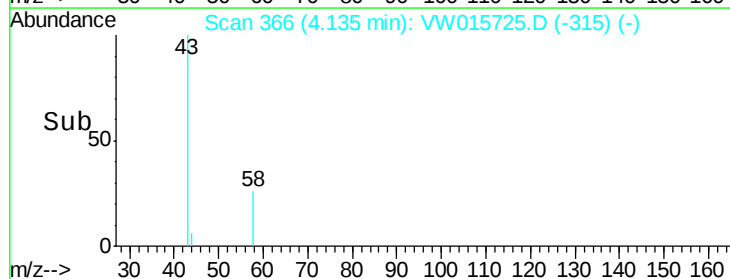
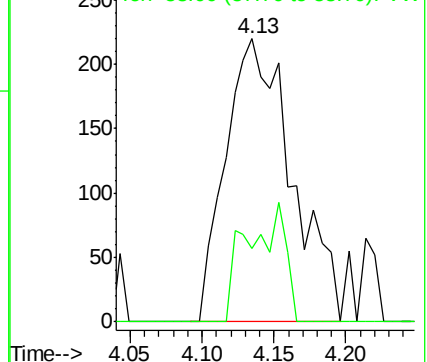
43 100

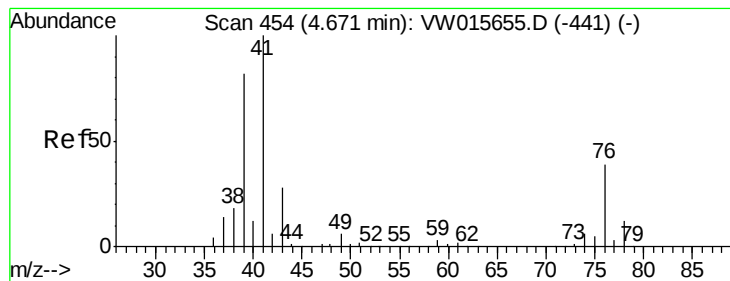
58 25.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methvl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

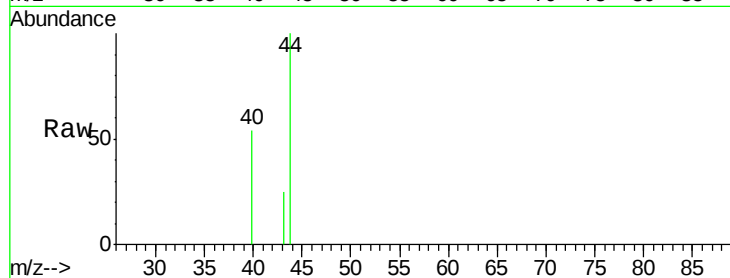
RB44767-RT

Tot Ion: 43 Resp: 68

Ion Ratio Lower Upper

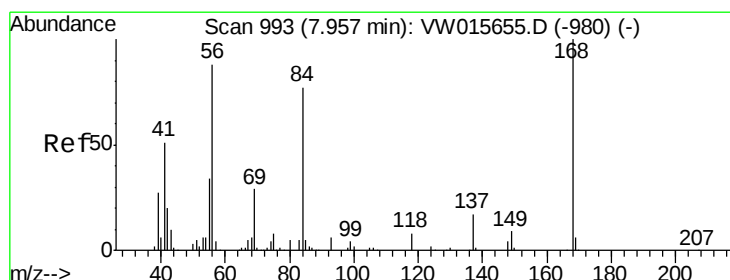
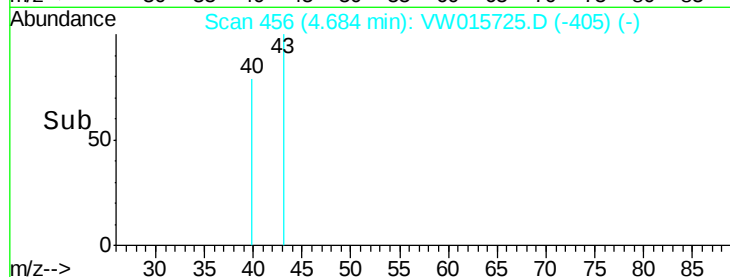
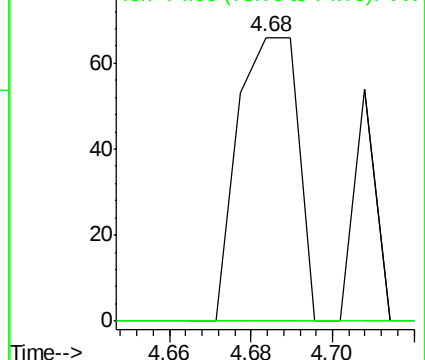
43 100

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



#31

Cyclohexane

Concen: 1.299 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

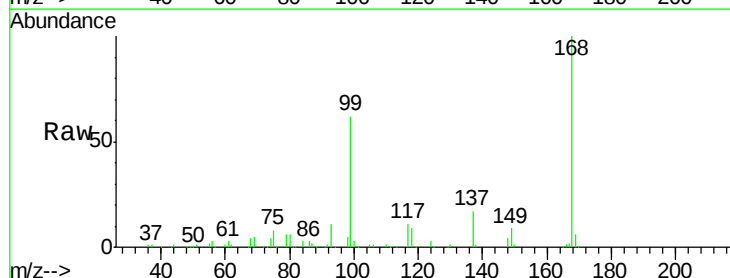
Tgt Ion: 56 Resp: 4193

Ion Ratio Lower Upper

56 100

69 168.7 26.2 39.4#

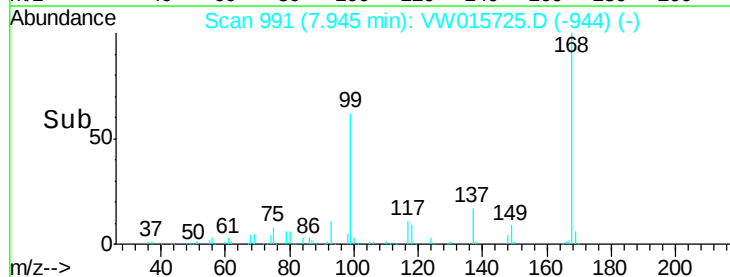
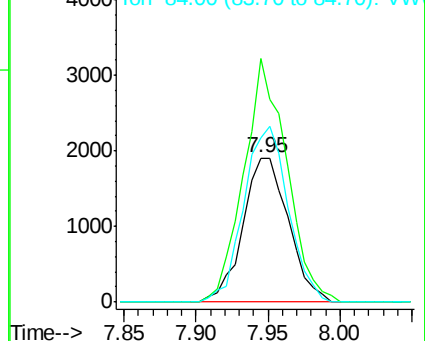
84 113.4 70.4 105.6#

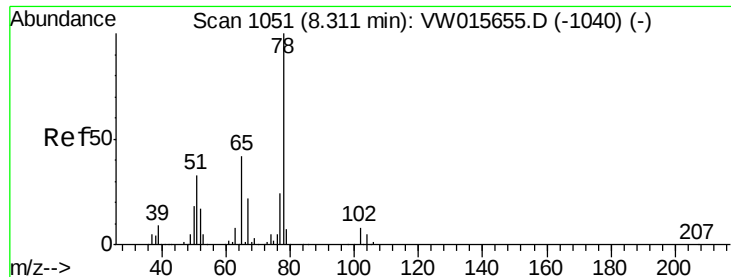


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

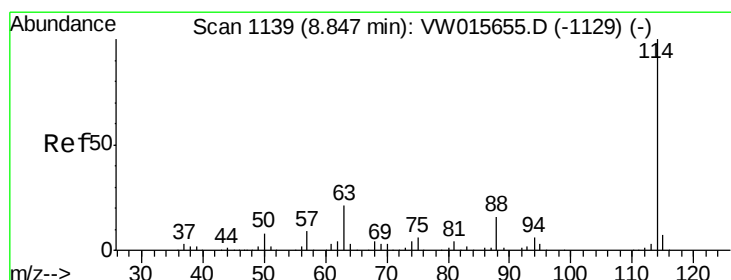
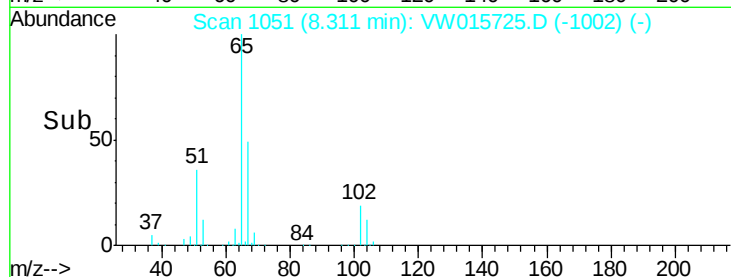
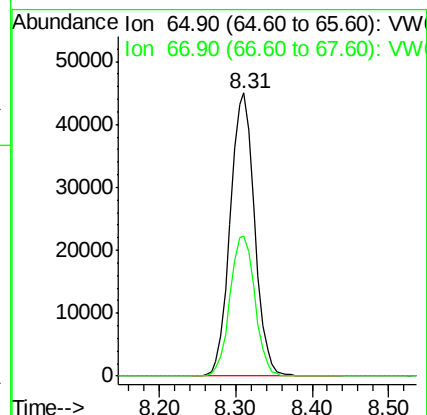
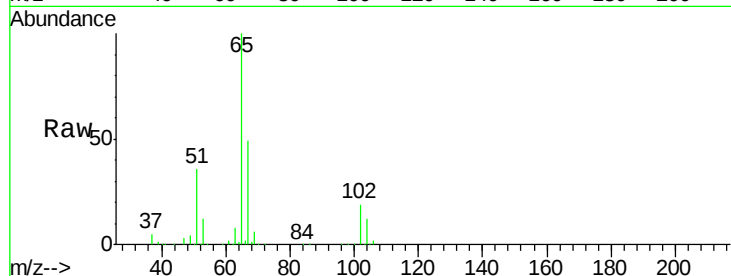




#33
 1,2-Dichloroethane-d4
 Concen: 52.745 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015725.D
 Acq: 25 Jun 2020 13:38

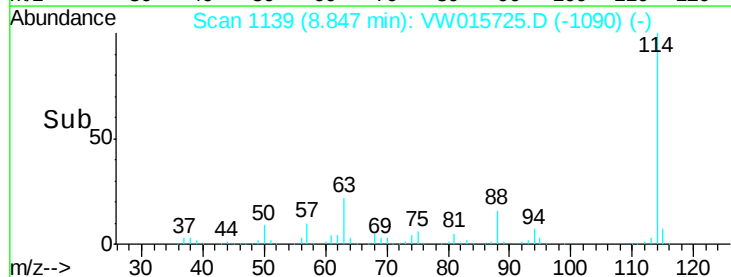
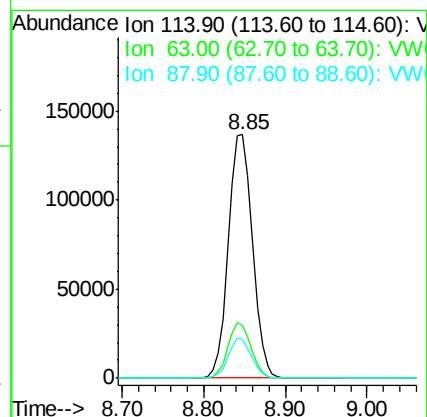
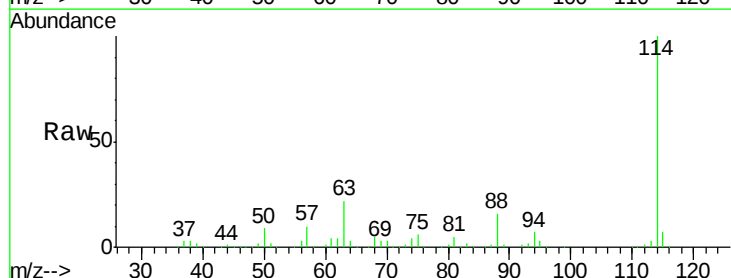
Instrument :
 MSVOA_W
 ClientSampleId :
 RB44767-RT

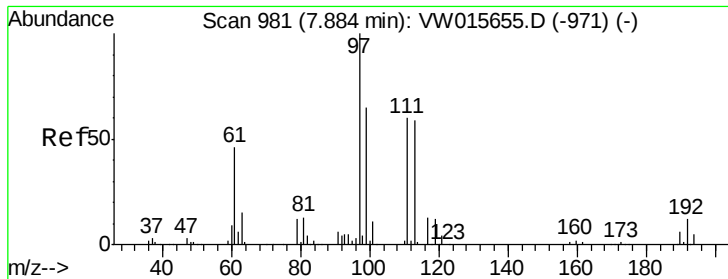
Tot Ion: 65 Resp: 98845
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015725.D
 Acq: 25 Jun 2020 13:38

Tgt Ion: 114 Resp: 277675
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 15.8 0.0 32.6

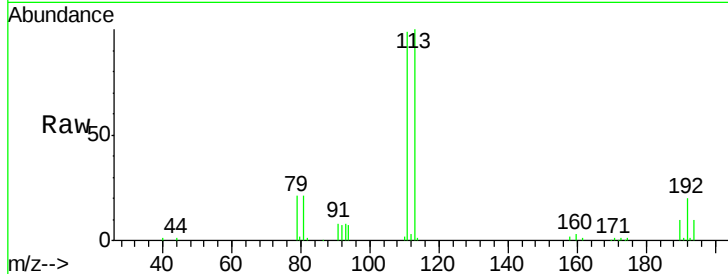




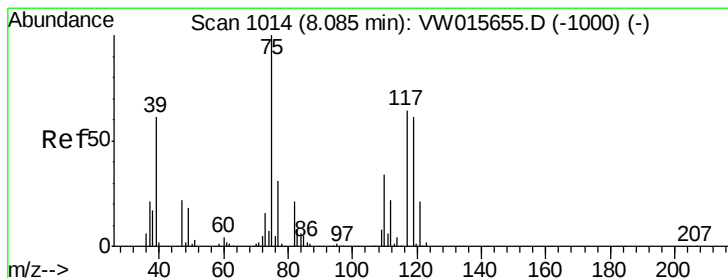
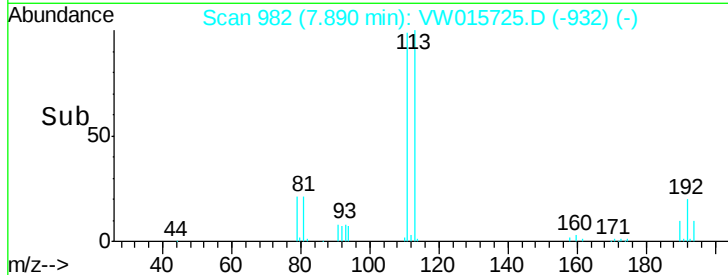
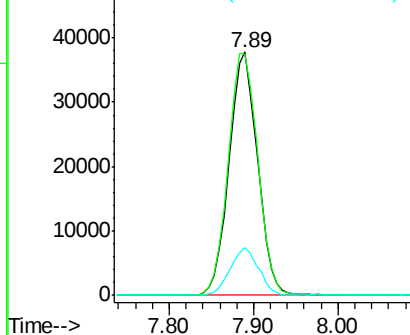
#35
Dibromofluoromethane
Concen: 49.615 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015725.D
Acq: 25 Jun 2020 13:38

Instrument :
MSVOA_W
ClientSampleId :
RB44767-RT

Tot Ion:113 Resp: 86660
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 19.4 16.4 24.6

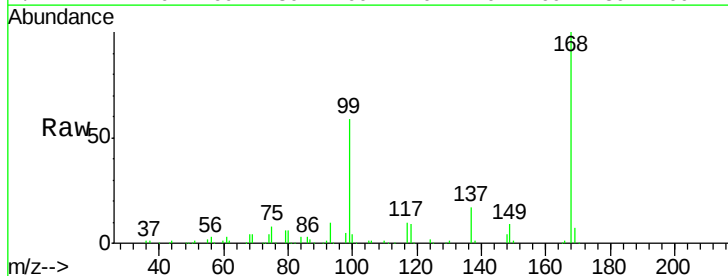


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

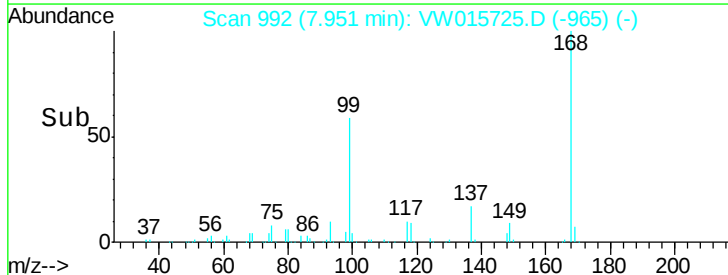
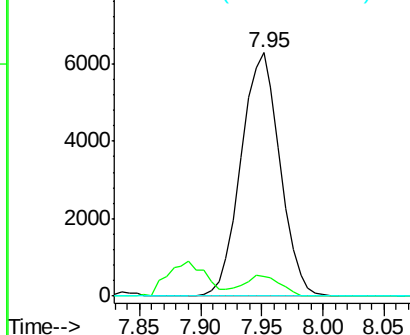


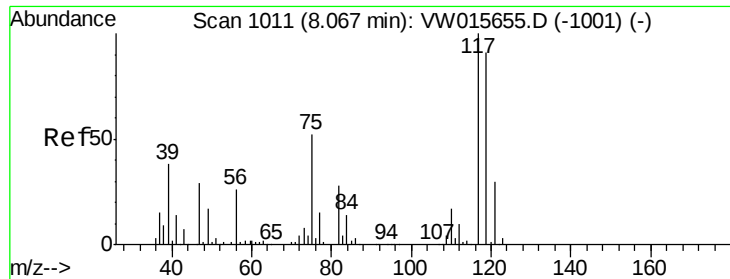
#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW015725.D
Acq: 25 Jun 2020 13:38

Tgt Ion: 75 Resp: 13925
Ion Ratio Lower Upper
75 100
110 8.1 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: 6.100 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

RB44767-RT

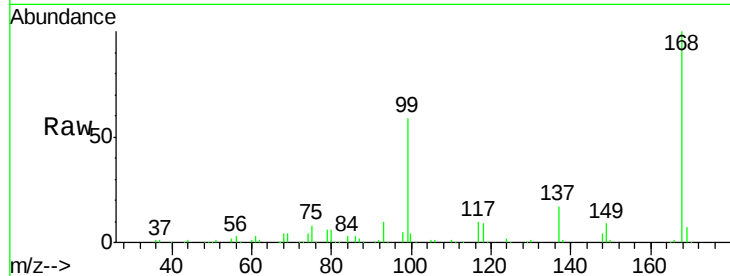
Tot Ion:117 Resp: 17077

Ion Ratio Lower Upper

117 100

119 4.9 73.2 109.8#

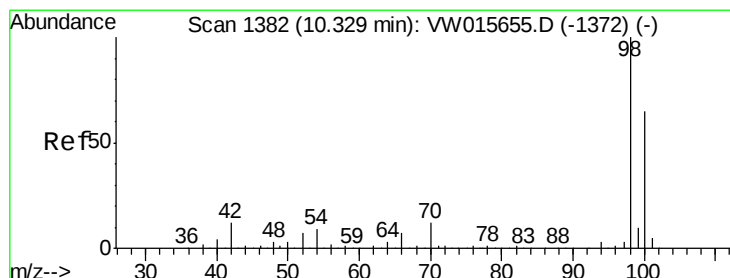
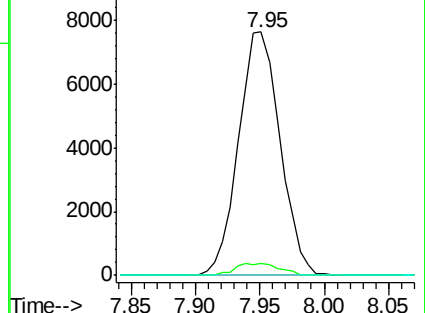
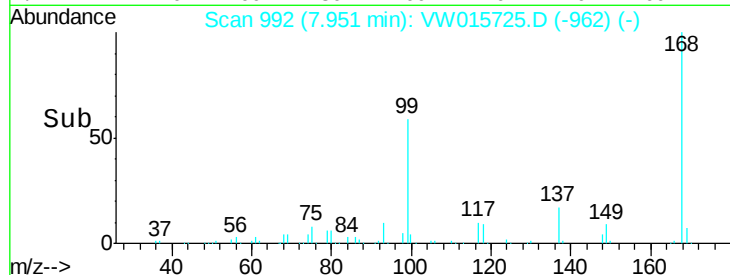
121 0.0 23.9 35.9#



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: 48.767 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015725.D

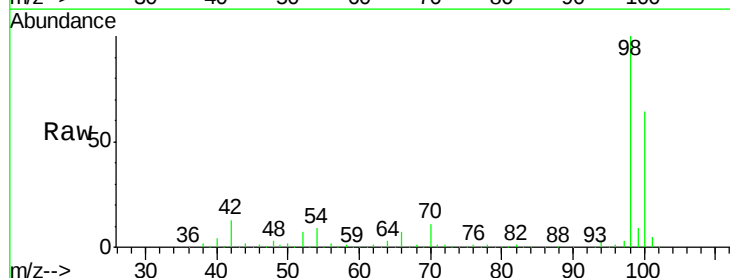
Acq: 25 Jun 2020 13:38

Tgt Ion: 98 Resp: 335214

Ion Ratio Lower Upper

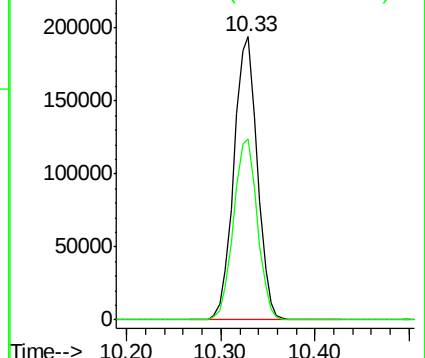
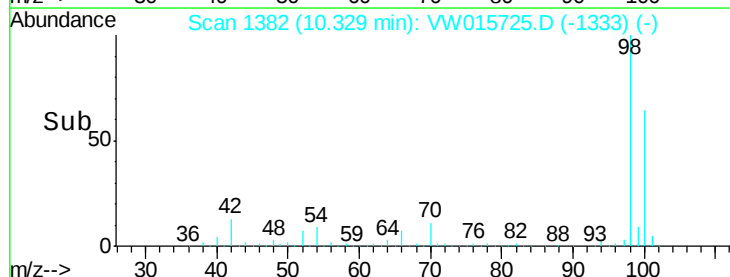
98 100

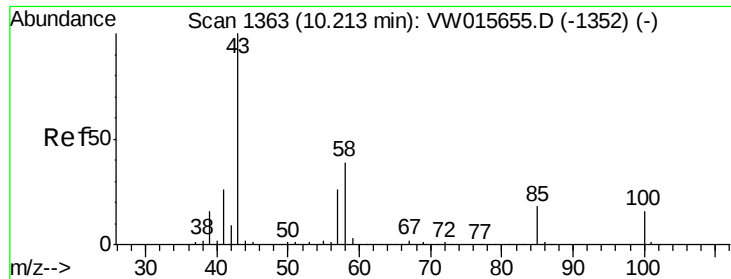
100 65.0 52.8 79.2



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: 1.594 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

Instrument :

MSVOA_W

ClientSampled :

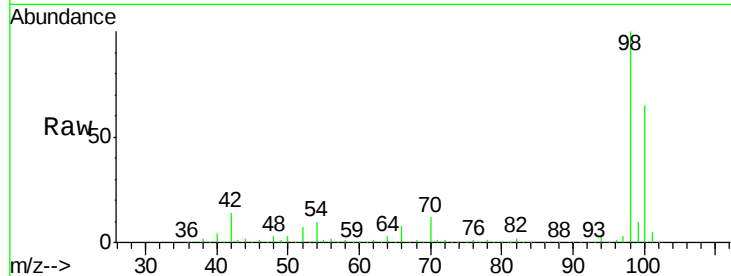
RB44767-RT

Tot Ion: 43 Resp: 1692

Ion Ratio Lower Upper

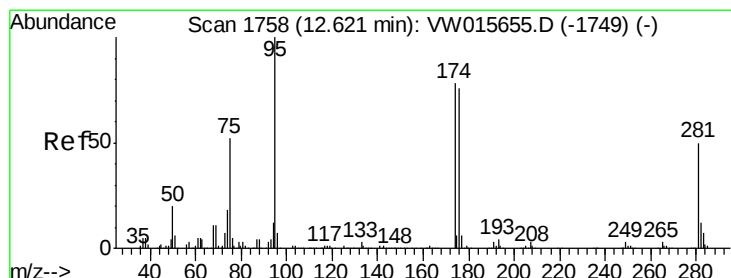
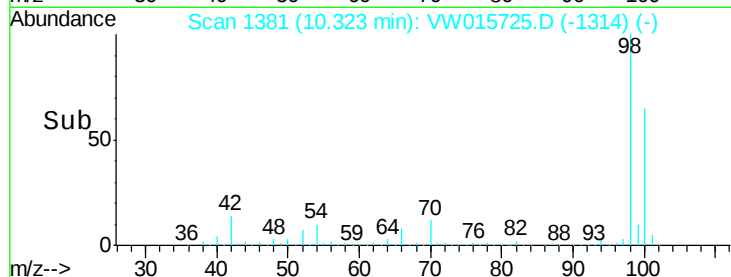
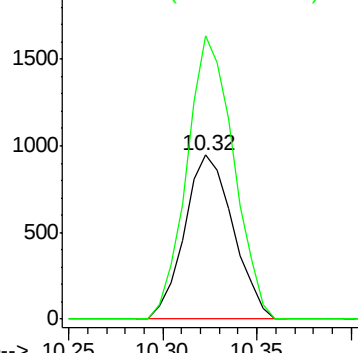
43 100

58 166.0 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: 36.987 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

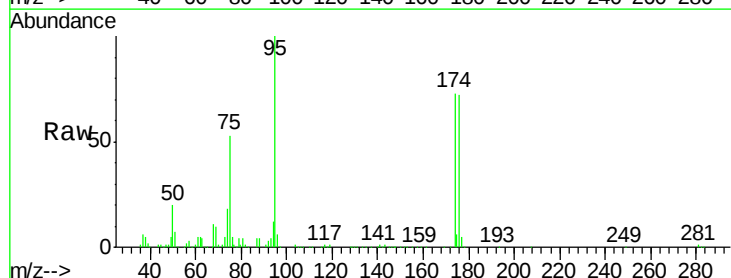
Tgt Ion: 95 Resp: 93630

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.0

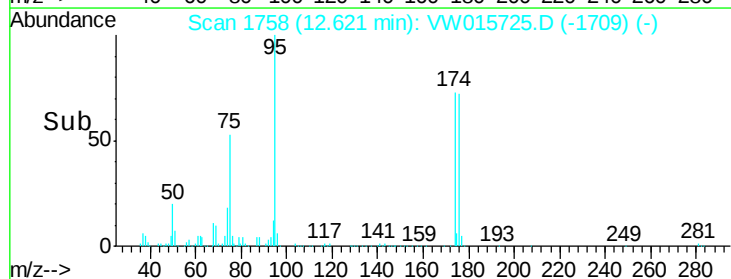
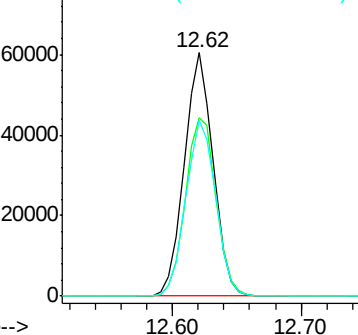
176 74.8 0.0 151.4

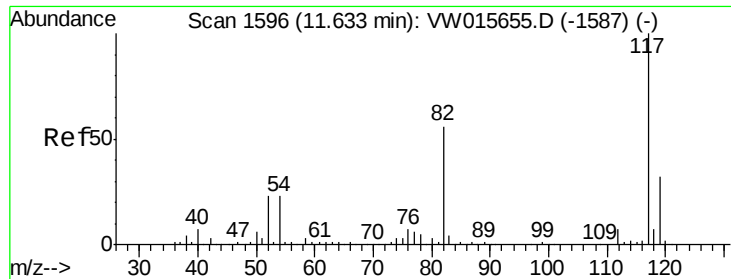


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW015725.D

Acq: 25 Jun 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

RB44767-RT

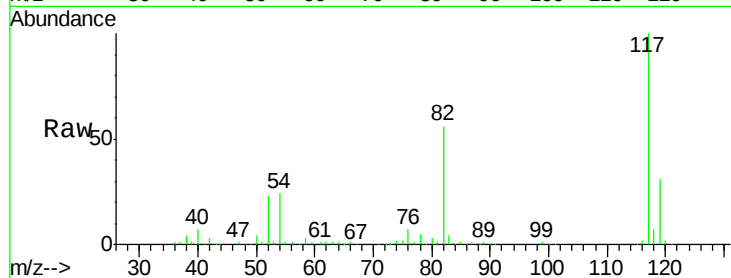
Tot Ion:117 Resp: 230724

Ion Ratio Lower Upper

117 100

82 56.4 45.1 67.7

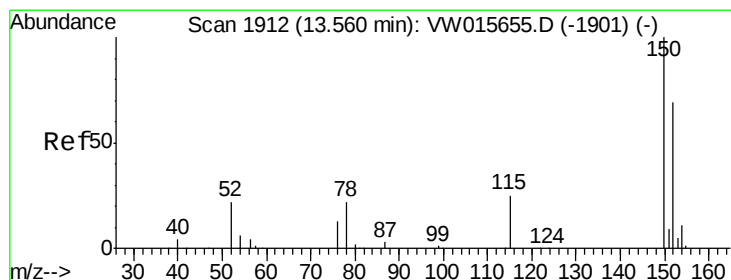
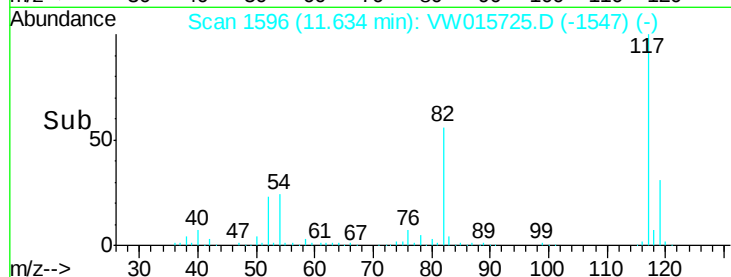
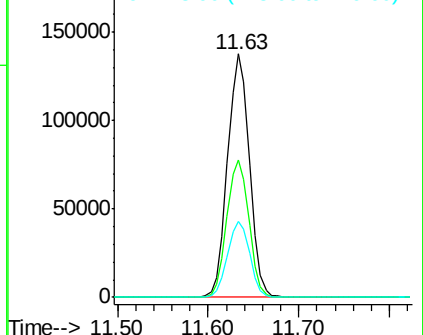
119 31.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW015725.D

Acq: 25 Jun 2020 13:38

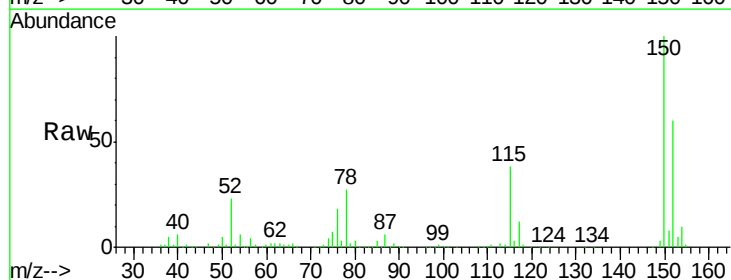
Tgt Ion:152 Resp: 80246

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.5

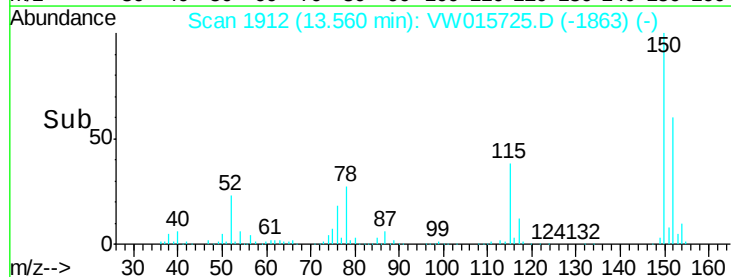
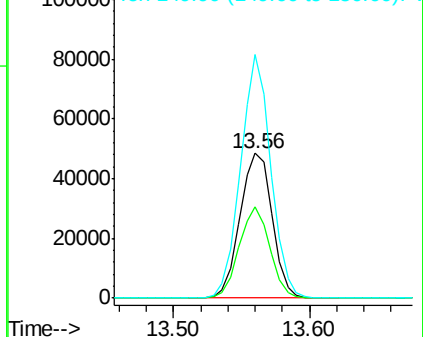
150 157.1 0.0 345.6

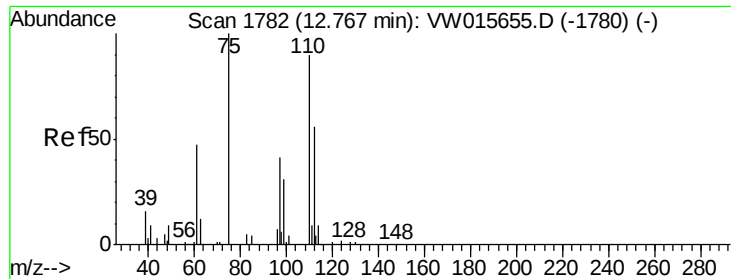


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 69.036 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

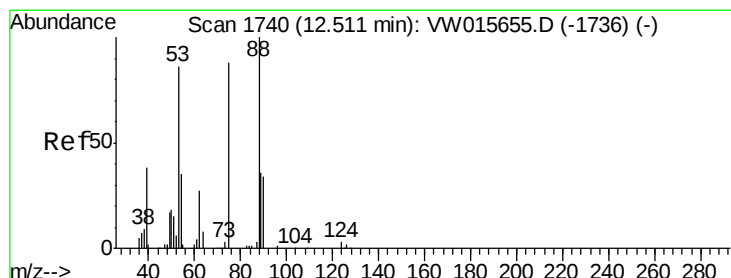
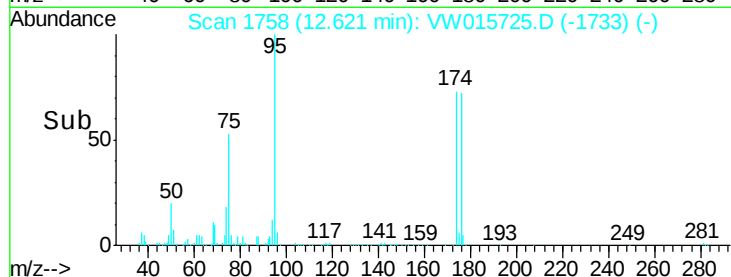
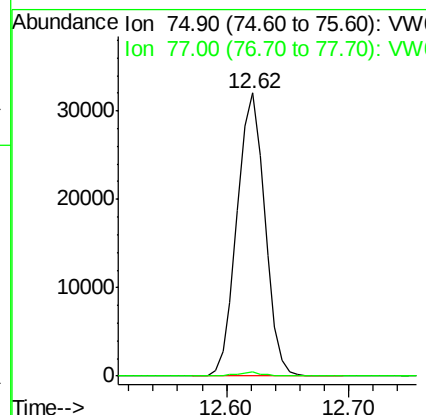
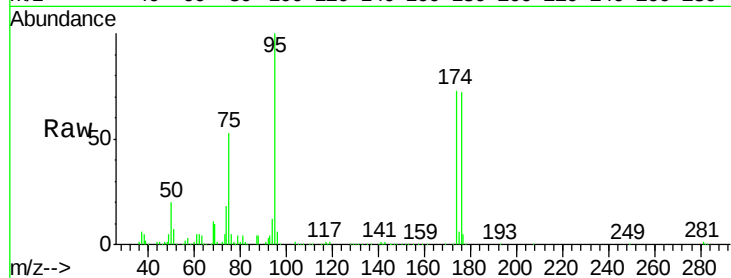
RB44767-RT

Tot Ion: 75 Resp: 50532

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 173.973 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

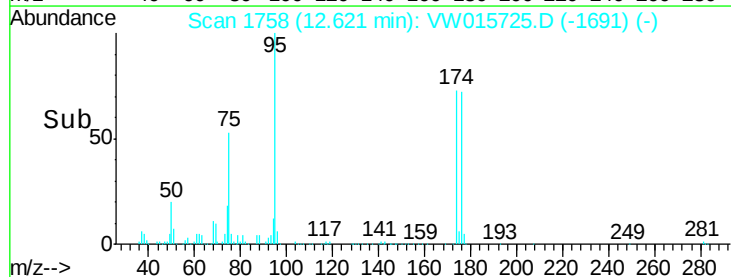
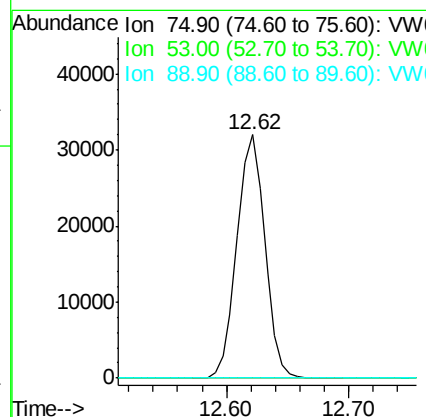
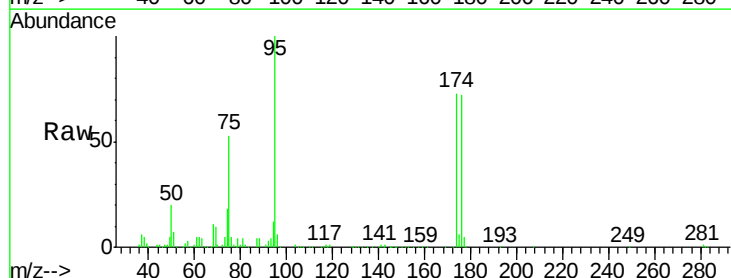
Tgt Ion: 75 Resp: 50532

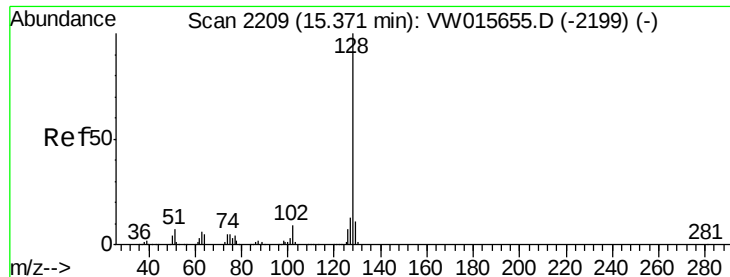
Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 1.112 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW015725.D

Acq: 25 Jun 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

RB44767-RT

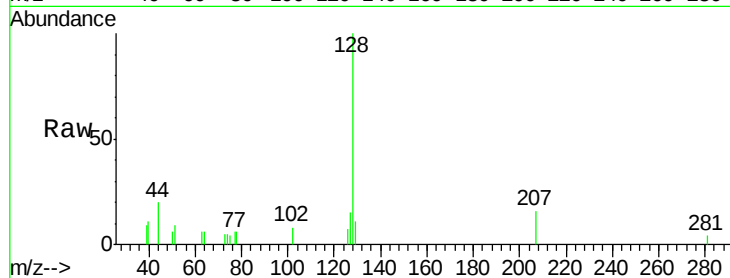
Tot Ion:128 Resp: 2846

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 9.8 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

